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| Application No. | Applicant(s) |
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| 09/750 940      | CALET AL.    |

Examiner

Art Unit

Douglas B. Blair

2142

| √ | Rejected |
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| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| N | Non-Elected  |
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| ı | Interference |

| A | Appeal   |
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| 0 | Objected |

|                            |   |          |              |          | -        |           | J        |          | Ц_            | Ц        |  |
|----------------------------|---|----------|--------------|----------|----------|-----------|----------|----------|---------------|----------|--|
|                            | , inc   | D-1-     |              |          |          |           |          |          |               |          |  |
| Cla                        | AUII  | -        |              | T        |          | Date      | l        | г –      |               | _        |  |
| _                          | Original  | 10/13/04 | 8            | 4/16/06  | يو       | 6         | 7/25/07  | 10/11/07 |               |          |  |
| Final                      | <u>.</u> j  | 13       | 7/31/05      | 16       | 9/4/06   | 1/11/07   | 52/      | 1        |               |          |  |
| ш.                         | ŏ   | 15       | ~            | 4        | 6        | -         | ~        | 2        |               |          |  |
|                            | 1   | J        | 7            | 7        | J        | J         | $\vdash$ |          | ┢             | ╁        |  |
|                            | 1 2   | ij       | 7            | ij       | J        | ij        | ┝        | ┝        | ┢             | 1-       |  |
| _                          | 3   | 1        | 1            | Ť        | Ì        | H         | -        | $\vdash$ | ├─            | $\vdash$ |  |
|                            | 4   | 7 7 7 7  | 77777        | 7 7 7 7  | 1 1 1 1  | 7777      |          | l        | $\vdash$      | H        |  |
|                            | 5   | j        | Ì            | Ì        | 7        | Ì         |          | $\vdash$ | $\vdash$      | 1        |  |
|                            | 6   | 1        | 1            | 1        | 1        | 1         | _        |          |               | Г        |  |
|                            | 7   |          |              |          |          |           |          | Г        |               |          |  |
|                            | 8   | 1        | 1            | 7        | 1        | 1         |          |          |               |          |  |
|                            | 9   | 1        | 1            | 1        | 1        | 1         |          |          |               |          |  |
| 1                          | 10  |          |              |          |          |           | 7        | =        |               |          |  |
| 2                          | 11  |          |              |          |          |           | 7 7      | =        |               |          |  |
| 3                          | 12  |          |              |          |          |           | V        | =        |               | L        |  |
| 4                          | 13  |          |              |          |          |           | V        | =        | L_            | Ĺ        |  |
| 1<br>2<br>3<br>4<br>5<br>6 | 14  | L_       |              | oxdot    | Щ        |           | 1        | =        | L.            | _        |  |
| 6                          | 15  |          |              | L        |          | _         |          | =        | ļ             | ļ        |  |
| L                          | 16  |          | $oxed{oxed}$ |          |          |           | ٥        | L        | <u> </u>      | <u> </u> |  |
| 7<br>8<br>9                | 17  |          |              |          |          |           | 0        | =        | <u> </u>      | _        |  |
| 8                          | 18  |          |              |          |          |           | 0        | =        | -             |          |  |
| 9                          | 19  |          |              |          |          |           | ٧        | =        | _             |          |  |
|                            | 20  | $\vdash$ | _            |          | _        |           | _        | _        | -             | -        |  |
|                            | 22  | -        |              |          | H        |           |          | <u> </u> | _             | ⊢        |  |
|                            | 23  |          |              |          |          |           |          | $\vdash$ | _             | -        |  |
|                            | 24  |          |              | <u> </u> |          |           |          | <u> </u> |               | $\vdash$ |  |
|                            | 25  | $\dashv$ |              | _        | Н        |           |          |          |               | -        |  |
|                            | 26  |          |              |          | $\vdash$ |           |          |          |               | -        |  |
|                            | 27  | Н        |              |          |          |           |          |          |               | -        |  |
|                            | 28  |          |              |          |          |           |          |          | $\overline{}$ | $\vdash$ |  |
|                            | 29  |          |              |          |          |           |          |          |               | _        |  |
|                            | 30  |          |              |          |          |           |          |          |               |          |  |
|                            | 31  | П        |              |          |          |           |          |          |               |          |  |
|                            | 32  |          |              |          |          |           |          |          |               |          |  |
|                            | 33  |          |              |          |          |           |          |          |               |          |  |
|                            | 34  |          |              |          |          |           |          |          |               |          |  |
|                            | 35  |          |              |          |          |           |          |          |               | <u> </u> |  |
|                            | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>33<br>33<br>33<br>34<br>35<br>36<br>37<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38 | Ш        |              |          |          |           |          |          | _             | <u> </u> |  |
|                            | 37  |          |              | Ш        |          |           |          |          | _             | L        |  |
|                            | 38  | Щ        | Щ            |          |          |           |          |          |               | _        |  |
|                            | 39  | $\sqcup$ | _            |          | $\Box$   | Щ         |          | L        | <u> </u>      | _        |  |
|                            | 40  | $\vdash$ | _            |          |          | -         | _        |          | <u> </u>      | <u> </u> |  |
|                            | 41  |          |              | _        |          |           |          |          | -             |          |  |
|                            | 42  |          |              | _        |          |           |          |          | -             |          |  |
|                            | 44  |          | -            | -        |          | -         |          |          |               | -        |  |
|                            | 45  | -        |              | -        | -        |           |          |          |               |          |  |
|                            | 46  | $\vdash$ |              |          | $\vdash$ |           |          |          |               | $\vdash$ |  |
|                            | 47  | $\dashv$ | $\dashv$     | =        | -        | $\exists$ |          |          |               | $\vdash$ |  |
|                            | 48  | $\dashv$ |              |          | $\dashv$ |           |          |          |               | Н        |  |
|                            | 49  |          | $\neg$       |          |          |           |          |          |               |          |  |
|                            | 50  | $\neg$   | $\neg$       |          |          | $\neg$    |          |          |               | $\Box$   |  |

| <b>-</b> |             |          |         |               |        |          |         |          |        |              | 1 1 | - Cla |          |        |        |        |     | 204        |   |   |        |          |
|----------|-------------|----------|---------|---------------|--------|----------|---------|----------|--------|--------------|-----|-------|----------|--------|--------|--------|-----|------------|---|---|--------|----------|
| ٤١٤      | im          | _        |         | ·             |        | Date     | 9       | _        |        | <del>_</del> | -   | Cla   | ilm      | -      |        |        |     | <u>Dat</u> | = | · |        | г—       |
| 3        | Original    | 10/13/04 | 7/31/05 | 4/16/06       | 9/4/06 | 1/11/07  | 7/25/07 | 10/11/07 |        |              |     | Final | Original |        |        |        |     |            |   |   |        |          |
| _        | 1           | 1        | 1       | 1             | 1      | V        |         |          |        |              | 1 . |       | 51<br>52 |        |        |        |     | Г          |   |   |        |          |
|          | 2           | 7        | 7       | 1             | 1      | 1        |         | $\vdash$ |        | -            | 1   |       | 52       |        |        |        |     | Г          |   | Г |        |          |
|          | 3           | 1        | 7       | 7             | 1      | V        |         |          |        |              | 1   |       | 53       |        |        |        |     |            |   | Г |        |          |
|          | 4           | 7        | 1       | 1             | 1      | 1        |         |          |        |              | 1   |       | 54       |        |        |        |     | Г          |   |   |        |          |
|          | 5           | 1        | 1       | 1             | 1      | V        |         |          |        |              | 1   |       | 55       |        |        | _      |     | П          |   |   |        |          |
|          | 4<br>5<br>6 | 1        | 7       | 1             | 1      | 1        |         |          |        | T            | 1 1 |       | 55<br>56 |        |        |        |     |            |   |   |        | П        |
|          | 7           | Ť        |         | $\overline{}$ |        |          |         | Г        |        |              | 1 1 |       | 57       |        |        |        |     |            |   |   |        |          |
|          | 8           | 1        | 1       | 1             | 1      | 1        |         | -        |        | 1            | 1   |       | 58       |        |        |        |     |            |   |   |        |          |
|          | 7<br>8<br>9 | 1        | 7       | 1             | 1      | 1        |         |          |        | $\vdash$     | 1   |       | 58<br>59 |        |        |        |     | -          |   |   |        |          |
|          | 10          |          |         |               | Г      | $\vdash$ | 1       | =        |        | $\vdash$     | 1   |       | 60       |        |        |        |     |            |   |   |        |          |
| :        | 11          |          |         |               |        |          | 1       | =        | _      | _            | 1   |       | 61       |        |        |        |     |            |   |   |        |          |
| ;        | 12          |          |         |               |        |          | 1       | =        |        | Г            | 1   |       | 61<br>62 |        |        |        |     |            |   |   |        |          |
|          | 12<br>13    |          |         |               |        |          | 1       | 11       |        |              | 1   |       | 63       |        |        |        |     |            |   |   |        |          |
| ;        | 14          |          |         |               |        |          | 7       | Ξ        |        |              | 1   |       | 64       |        |        |        |     |            |   | Г |        |          |
| ;        | 14<br>15    |          |         |               |        |          | 1       | , п      |        |              | 1   |       | 65       |        |        |        |     | Г          |   |   |        |          |
|          | 16          | _        |         |               |        |          | 0       |          |        |              | 1   |       | 66       |        |        |        |     |            |   |   | П      |          |
|          | 17          |          |         |               |        |          | 0       | =        |        |              | 1   |       | 67       |        |        |        |     |            |   |   |        |          |
|          | 18          |          |         |               | -      |          | 0       | =        |        |              | 1   |       | 68       |        |        |        |     |            |   |   |        |          |
|          | 19          |          |         |               |        |          | 1       | =        |        |              | 1   |       | 69       |        |        |        |     |            |   |   |        | $\sqcap$ |
|          | 20          |          |         |               |        |          |         |          |        |              | 1 1 |       | 70       |        |        |        |     |            |   |   |        | П        |
|          | 21          |          | $\neg$  |               |        |          |         |          |        |              |     |       | 71       |        |        |        |     | П          |   |   |        |          |
|          | 22          |          |         |               |        |          |         |          |        |              | 1 1 |       | 72       |        |        |        |     | •          |   | - |        |          |
|          | 23          |          |         |               |        |          |         |          |        |              | 1 1 |       | 73       |        |        |        |     |            |   |   |        |          |
|          | 24          |          |         |               |        |          |         | _        |        |              | 1 1 |       | 74       |        |        |        |     |            |   |   |        |          |
|          | 25          |          | $\neg$  |               |        |          |         |          |        |              | 1 1 |       | 75       |        |        |        |     |            |   |   |        |          |
|          | 25<br>26    |          | $\neg$  |               |        |          |         |          |        |              | 1 1 |       | 75<br>76 |        |        |        |     |            |   |   |        |          |
|          | 27          |          | 一       |               |        |          |         |          |        |              | 1   |       | 77       |        |        |        | _   |            |   |   |        |          |
|          | 28          |          | $\neg$  |               |        |          |         |          |        |              | ĺ   |       | 78       |        |        |        |     |            |   |   |        |          |
| $\neg$   | 29          |          |         |               |        |          |         |          | -      |              | 1   |       | 79       |        |        |        |     |            |   |   |        |          |
| 7        | 30          |          |         |               |        |          |         |          |        |              |     |       | 80       |        |        |        |     |            |   |   |        |          |
| $\neg$   | 31          | $\neg$   | $\neg$  |               |        |          |         |          |        |              | 1 1 |       | 81       |        |        |        |     |            |   |   |        |          |
| ┪        | 32          | _        |         |               |        |          |         |          |        | _            | 1 1 |       | 81<br>82 |        | $\neg$ | $\neg$ |     |            |   |   |        |          |
| ┪        | 33          | $\neg$   |         |               |        |          | _       |          |        |              | 1 1 |       | 83       |        |        |        |     |            |   |   |        |          |
| _        | 34          |          |         | $\neg$        |        |          |         |          |        |              |     |       | 84       |        |        |        |     | _          |   |   |        | $\Box$   |
| ┪        | 35          |          | $\neg$  | $\neg$        |        |          |         |          |        |              | 1   |       | 85       |        |        |        |     |            |   | _ | $\neg$ |          |
| ┪        | 36          |          |         | $\neg$        |        | П        |         | $\neg$   |        |              |     |       | 86       |        |        |        |     |            |   |   |        |          |
| ┪        | 37          |          |         |               |        |          |         |          |        |              | 1 1 |       | 87       |        |        |        |     |            |   |   |        |          |
| ┪        | 38          |          |         |               |        |          |         |          |        |              |     |       | 88       | $\Box$ |        |        |     |            |   |   |        |          |
|          | 39          |          |         |               |        |          |         |          |        |              | 1 1 |       | 89       |        |        |        |     |            |   |   |        |          |
| ┪        | 39<br>40    | $\neg$   |         |               |        |          |         |          |        |              |     |       | 89<br>90 |        |        |        |     |            |   |   |        |          |
| 7        | 41          | $\neg$   |         |               |        |          |         |          |        |              | 1 1 |       | 91       |        | $\neg$ |        |     |            |   |   |        |          |
| ┪        | 42          |          |         |               |        |          |         |          |        |              |     |       | 92       |        |        |        |     |            |   |   |        |          |
| $\dashv$ | 43          |          |         | $\neg$        |        |          |         |          |        |              |     |       | 93       |        | $\neg$ |        |     |            |   |   |        |          |
| ┪        | 44          |          |         |               |        |          |         |          |        |              |     |       | 94       |        |        |        |     |            |   |   |        |          |
|          | 45          |          |         | î y           | 7      | -        |         |          | 1      |              |     |       | 95       |        |        | -      | 4.5 |            | 7 |   | K 19   | - 3      |
|          | 46          |          |         |               |        |          |         |          | $\neg$ |              |     |       | 96       |        |        |        |     |            |   |   | $\neg$ |          |
| $\dashv$ | 47          |          |         |               |        |          |         | $\neg$   |        |              |     |       | 97       |        |        |        |     |            |   |   | $\neg$ | $\Box$   |
| $\neg$   | 48          | $\neg$   | $\neg$  |               |        |          |         |          | $\neg$ |              |     |       | 98       |        |        |        |     |            |   |   |        |          |
|          | 49          |          |         |               |        |          |         |          |        |              |     |       | 99       |        |        |        |     |            |   |   |        |          |
|          | 50          |          |         |               |        |          |         |          |        |              | [   |       | 100      |        |        |        |     |            |   |   |        |          |
|          |             |          |         |               |        |          |         |          |        |              | _   |       |          |        |        |        |     |            |   |   |        |          |

|          | J                 |          |                |            |              |                 |              |              | j  |               |  |  |
|----------|-------------------|----------|----------------|------------|--------------|-----------------|--------------|--------------|--|---------------|--|--|
| Cli      | aim               | Date     |                |            |              |                 |              |              |  |               |  |  |
| Final    | Original          |          |                |            |              |                 |              |              |  |               |  |  |
|          | 101               |          |                |            |              |                 |              |              |  |               |  |  |
|          | 102<br>103        |          |                |            |              |                 |              |              |  |               |  |  |
|          | 103               |          |                |            |              |                 |              |              |  |               |  |  |
|          | 104               | _        | _              | _          |              |                 | _            | _            | L  | Ш             |  |  |
|          | 105               |          |                | _          | _            | <u> </u>        | <u> </u>     | _            | _  | Щ             |  |  |
|          | 106               | <u> </u> | <u> </u>       | <u> </u>   | ⊢            | <u> </u>        | <u> </u>     | <del> </del> |  |               |  |  |
| $\vdash$ | 107               |          |                |            | ┝            | _               | H            | ⊢            | ┢  | Н             |  |  |
| _        | 108<br>109        |          | ⊢              | ⊢          |              | $\vdash$        |              | ⊢            | $\vdash$   | Н             |  |  |
|          | 110               | ┝        | $\vdash$       | ├─         | -            | -               |              | ┢            | $\vdash$   | H             |  |  |
|          | 111               | $\vdash$ |                |            | $\vdash$     | $\vdash$        | $\vdash$     |              | <del>                                     </del> | Н             |  |  |
|          | 112               | $\vdash$ |                | ┪          | $\vdash$     | 一               |              | -            | <del>                                     </del> |               |  |  |
|          | 111<br>112<br>113 |          |                |            | Τ            |                 |              |              |  |               |  |  |
|          | 114<br>115        |          |                |            |              |                 |              |              |  |               |  |  |
|          | 115               |          |                |            |              | L               |              |              | L  | Ш             |  |  |
|          | 116               | _        |                | lacksquare |              | 匚               |              | $oxed{oxed}$ |  | Щ             |  |  |
|          | 117               |          |                |            | <u> </u>     | <u> </u>        | _            | _            | _  | Щ             |  |  |
|          | 118               |          |                |            | _            | _               |              |              | <u> </u>   | Н             |  |  |
|          | 119<br>120        | _        | ⊢              | <u> </u>   | -            |                 | <del> </del> |              |  | Н             |  |  |
|          | 121               |          | ├─             |            | ├─           | $\vdash$        | ⊢            | _            | <u> </u>   | $\dashv$      |  |  |
|          | 122               | _        | $\vdash$       | $\vdash$   | -            | $\vdash$        | ┝            | ┝            | $\vdash$   | -             |  |  |
| _        | 122<br>123<br>124 | _        | ┝              | -          |              |                 | -            | -            |  |               |  |  |
|          | 124               |          |                |            |              |                 | <u> </u>     |              |  |               |  |  |
|          | 125               |          |                |            |              |                 |              |              |  |               |  |  |
|          | 125<br>126<br>127 |          |                |            |              |                 |              |              |  |               |  |  |
|          | 127               |          |                | <u> </u>   |              |                 | ļ            | <u> </u>     | <u> </u>   | Ц             |  |  |
|          | 128               |          |                | _          |              |                 | <u> </u>     | <u> </u>     | _  | $\square$     |  |  |
|          | 128<br>129<br>130 |          | <u> </u>       | <u> </u>   | _            |                 | <u> </u>     | <u> </u>     | <u> </u>   | $\dashv$      |  |  |
|          | 130               |          | <del> </del> — | ┝          |              | $\vdash$        | ├─           | ├            | -  |               |  |  |
|          | 131<br>132        | _        |                |            |              | $\vdash$        | $\vdash$     | $\vdash$     | $\vdash$   | Н             |  |  |
|          | 133               | _        | -              | -          | <del> </del> |                 | H            |              | $\vdash$   | $\vdash$      |  |  |
|          | 134               |          |                |            |              | П               |              |              |  |               |  |  |
|          | 135               |          |                |            |              |                 |              |              |  |               |  |  |
|          | 136               |          |                |            |              |                 |              | Ľ            | $\Box$   |               |  |  |
|          | 137               |          |                | <u> </u>   | L            | L.              |              | _            | <u> </u>   |               |  |  |
|          | 138<br>139        | Щ        | _              | <u> </u>   | ļ            | Щ.              | ļ            |              | <u> </u>   | $\sqsubseteq$ |  |  |
|          | 140               |          |                |            | _            | -               | _            |              | _  |               |  |  |
|          | 141               | $\vdash$ | H              | -          | -            | $\vdash \vdash$ | -            |              | -  | $\vdash$      |  |  |
|          | 142               | =        | $\vdash$       | Н          | $\vdash$     | $\vdash$        | $\vdash$     | -            | <del>                                     </del> | $\vdash$      |  |  |
|          | 143               |          | Т              | -          | Г            |                 |              |              |  | $\vdash$      |  |  |
|          | 144               |          |                |            |              |                 |              |              |  |               |  |  |
|          | 145               |          |                |            |              |                 |              |              |  |               |  |  |
|          | 146               |          |                |            |              |                 |              |              |  |               |  |  |
|          | 147               |          |                |            |              |                 |              |              | <u> </u>   | Ш             |  |  |
|          | 148<br>149        |          |                |            | $\vdash$     | Н               |              | L            | Ш  | Н             |  |  |
|          | 150               | $\dashv$ |                |            | Н            |                 |              | H            |  | Н             |  |  |
|          | 100               | $\Box$   | $\Box$         | L          |              | ш               |              | L            | L  | لــــا        |  |  |